Attorney Docket No.: KAN-002-B

## What is claimed is:

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1. A topical composition comprising a lipid fraction extracted from *Nigella sativa* L. seeds and a pharmaceutically acceptable carrier.

2. The topical composition of claim 1, wherein said composition is formulated as an ointment, cream, gel, powder, balm, lotion, liquid spray or aerosol or as the active ingredient of a transdermal patch.

- 3. The topical composition of claim 1, wherein the *Nigella sativa* L. lipid fraction is derived from a *Nigella sativa* L. total lipid fraction, further wherein the *Nigella sativa* L. lipid fraction comprises an oil that is free of *Nigella sativa* L solid fats.
- 4. The topical composition of claim 1, wherein the lipid fraction consists essentially of polyunsaturated fatty acids, saturated fatty acids, glyceryl esters, volatile oils and sterols.
  - 5. The topical composition of claim 1, wherein the lipid fraction is present in an amount ranging from about 1 to about 20% by weight based on 100% by weight of the total composition.
  - 6. A method of treating a pyogenic skin infection in a patient in need thereof comprising topically administering an effective amount of the topical composition of claim 1.
  - 7. The method of claim 6, wherein the pyogenic skin infection is selected from the group consisting of pyoderma, impetigo, folliculitis, eczema, an infected wound, an insect bite, a dermal injury, a leg ulcer and erythema.
    - 8. A method of treating a bacterial infection in a patient in need thereof comprising topically administering an effective amount of the topical composition of claim 1.
  - 9. A method for healing a wound in a patient in need thereof comprising topically administering an effective amount of the topical composition of claim 1.
  - 10. The method of claim 9, wherein the wound is a diabetic leg ulcer.
  - 11. A method for treating skin and soft tissue infections caused by gram-positive organisms or gram-negative bacilli in a patient in need thereof comprising topically administering an effective amount of the topical composition of claim 1.
- 30 12. A method for treating cellulite in a patient in need thereof comprising topically administering an effective amount of the topical composition of claim 1.

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- 13. A method for treating a septic infection in a patient in need thereof comprising topically administering an effective amount of the topical composition of claim 1.
- 14. A method of treating or preventing a vaginal disease or disorder in a patient in need thereof comprising topically administering an effective amount of the topical composition of claim 1.
- 15. The method of claim 14, wherein the vaginal disease or disorder is selected from the group consisting of vaginal moniliasis, vaginitis, vaginal discharge, vaginal itching, vaginal inflammation, candidiasis, vulvovaginitis, bacterial vaginitis, trichmonas vaginitis, cervicitis, vaginal irritation, pruritis, vaginal burning, atrophic vaginitis and a sexual transmitted disease.
- 16. A method for treating or preventing vaginal moniliasis in an immunocompromised patient in need thereof comprising topically administering an effective amount of the topical composition of claim 1.
- 17. A method of treating a respiratory disease or disorder in a patient in need thereof comprising topically administering an effective amount of the topical composition of claim 1.
- 18. The method of claim 17, wherein the respiratory disease or disorder is selected from the group consisting of bronchospasm, bronchoconstriction, anaphylaxis, pulmonary tuberculosis, an inflamed lung tissue, an inflamed mucous membrane, asthma, a respiratory tract inflammation, bronchitis, bronchial hyperactivity, a dry cough, bronchial congestion, a throat irritation, and an upper respiratory allergy.
- 19. The method of claim 17, wherein the topical composition comprises an evaporative chest rub.

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